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माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

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Department of Mechanical Engineering

Publications in SCI/ SCIE/ESCISCOPUS/UGC Indexed Journals (2018-2019)

S.No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper/abstract of the article	SCI/SCIE/ESCISCOPUS/UGC Indexed Journals
1	Solar PVT Technology and Its Commercial Applications: A Review	Supekar, Sagar; Malvi, Chandra Shekhar.	TERI Information Digest on Energy and Environment (TIDEE)	2018	0972-6721	https://bookstore.teri.res.in/journals/0972-6721#:~:text=TIDEE%20(TERI%20Information%20Digest%20on,global%20environment%2C%20and%20sustainable%20development.	https://indianjournals.com/ijor.aspx?target=ijor:tidee&volume=17&issue=2&article=003	Other
2	Solar LCOE in the Indian Context	Chandra Shekar Malvi and Pranav Singh	TERI Information Digest on Energy and Environment (TIDEE)	2018	0972-6721	https://bookstore.teri.res.in/journals/0972-6721#:~:text=TIDEE%20(TERI%20Information%20Digest%20on,global%20environment%2C%20and%20sustainable%20development.	https://indianjournals.com/ijor.aspx?target=ijor:tidee&volume=17&issue=2&article=002	Other
3	An Experimental Study on Design and Fabrication of Sheet and Tube Type PVT Collector	Sagar Supekar, Chandra Shekhar Malvi	Journal of Alternate Energy Sources and Technologies	2018	2230-7982	https://engineeringjournals.stmjournals.in/index.php/JoAEST/article/view/1164	https://doi.org/10.37591/joaest.v9i2.1164	UGC Care

4	Cumulative influence of nanoparticles on MMCs' time-temperature history curve	Siddhartha Kosti, Chandra Shekhar Malvi	Nanomaterials and Energy	2018	045-9831	https://www.icevirtuallibrary.com/doi/10.1680/jnaen.17.00011	10.1680/jnaen.17.00011	Web of science
5	SCOPE OF GREEN SUPPLY CHAIN MANAGEMENT IN NORTH INDIAN CONSTRUCTION INDUSTRIES	Pankaj Srivastav, M.K. Gaur	International Journal of Advanced Research in Engineering and Applied Sciences	2015	2278-6252	https://garph.co.uk/	https://garph.co.uk/IJAREAS/Apr2015/6.pdf	Other
6	Exergy analysis of evacuated tube solar collectors: a review	Gaurav Saxena* and Manoj Kumar Gaur	International Journal of Exergy	2018	1742-8300	https://www.inderscience.com/jhome.php?jcode=ijex	10.1504/IJEX.2018.088887	Web of science
7	Parametric Study on Vibration and Harmonic Analysis of Moderately Thick Functionally Graded Plates Using FEM	Avadesh K. Sharma, M K Gaur, R K Dwivedi	MATEC Web of Conferences	2018	2261-236X	https://www.matec-conferences.org/articles/matecconf/abs/2018/96/matecconf_d2me2018_01007/matecconf_d2me2018_01007.html	10.1051/matecconf/201823701007	Other
8	Multiresponse Optimization of Fused Deposition Modeling Process Using Utility-Based Taguchi Approach	Saurabh Verma, Vedansh Chaturvedi	Journal of Advanced Manufacturing Systems	2018	0219-6867	https://www.worldscientific.com/doi/10.1142/S0219686718500312	10.1142/S0219686718500312	Web of science
9	Simultaneous Optimization of Multiple Performance Characteristics in MIG Welding for Machining AISI-304 Stainless Steel by Weighted Principle Component Analysis	Ravi Bharadwaj, M.K. Gaur, Saurabh Agrawal, Vedansh Chaturvedi	Journal of Experimental & Applied Mechanics	2018	2230-9845	http://stmjournals.com/Journal-of-Experimental-and-Applied-Mechanics.html	10.37591/joeram.v9i3.902	Other
10	Fracture and crack propagations in plates - A review	Amit Kumar Gupta, Jyoti Vimal, Vedansh Chaturvedi	International Journal of Mechanics and Design	2018	2582-2896	https://mechanical.journalspub.info/index.php?journal=IJMD&page=article&op=view&path%5B%5D=614	https://mechanical.journalspub.info/index.php?journal=IJMD&page=article&op=view&path%5B%5D=614	Other
11	Determination of optimum parameters for surface roughness in CNC turning by using GRA-PCA	Suneel Kumar Rathore, Jyoti Vimal, Dinesh K. Kasdekar	International Journal of Engineering, Science and Technology	2018	2141-2839	https://www.aiol.info/index.php/ijest/article/view/172658	10.4314/ijest.v10i2.5	Other

12	Optimization of MRR and Electrolyte Coating Thickness of ECM Parameters using PCA based GRA	Shashank Agrawal, Sharad Agrawal, Dinesh Kumar Kasdekar	Materials Today: Proceedings	2018	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	10.1016/j.matpr.2018.06.246	Scopus
13	Optimum Selection of Process Parameters of CNC End Milling Using Grey Relational Analysis (GRA)	ANKITA RANDIVE, Sharad Agrawal, Dinesh Kumar Kasdekar	Journal of Production Research & Management	2018	2249-4766	http://stmjournals.com/Journal-of-Production-Research-and-Management.html	10.37591/jopr.v8i3.1088	Other
14	Mechanical Aspects Of Metallic Biomaterials In Human Hip Replacement	Arun Kumar Sharma, Rakesh Bhandari, Amit Aherwar	International Journal of Research and Analytical Reviews (IJR)	2018	2348-1269	www.ijrar.org	http://ijrar.org/viewfull.php?p_id=IJRAR1904167	Other